Kraus-Anderson® Construction Company MINUTES OF **CONSTRUCTION MEETING NO. 12**

3716 Oneota Street Duluth, MN 55807

Phone: (218) 722-3775 Fax: (218) 722-3778

Date:

October 28, 2010

Project:

DULUTH INTERNATIONAL AIRPORT

NEW PASSENGER TERMINAL

Duluth, MN

KACC Project #20225

Subject:

Meeting No. 12

Thursday, October 28, 2010

Present:

Brian Ryks DAA **Brett Cahoon** KACC Steve Bergerson KACC Chris Barta KACC John Hippchen RS&H RS&H Ryan Erdmann

Tom Chambers RS&H (via phone) Braun Intertec Joe Butler **Bob Swanfeld** SJA RPR

Nathan Fox Jeremy Nathe Jason Erickson

Drew Smykalski Mike Serre

Northland Constructors Kelleher Construction Dynamic Structural Steel A.W. Kuettel & Sons, Inc.

APi Electric

NOTE: Individuals listed below only need to attend the Session in which they are designated.

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To:	All Sessions		Session I - 9:00 - 9:30 a.m.		
	Brian Grefe		Nathan Fox	Northland Constructors	
	Blaine Peterson		Brad Werner	Kelleher Construction	
	John Hippchen	RS&H, Inc.			
	Ryan Erdmann	RS&H, Inc.			
	Thomas Chambers	RS&H, Inc.	Session II - 9:30 - 10:00 a.m		
	Brett Cahoon	KACC	Roger Anderson	Harbor City Masonry	
	Steve Bergerson	KACC	Jason Erickson	Dynamic Structural Steel	
	Chris Barta	KACC	Brandon Henry	Minuti-Ogle, Inc.	
	Andy Edlund	AET	Paul Zwak	The Jamar Company	
	Joe Butler	Braun Intertec	Dave Wells	The Jamar Company	
	Bob Swanfeld	SJA RPR	Mike Laudise	Harmon, Inc.	
Craig Bursch		MBJ Consulting			
	Mark Brandi	Cosentini Associates, Inc.	Session III	– 10:00 a.m.	
	Bob Jackson	Cosentini Associates, Inc.	**************************************		
	Jennifer Keuther	Cosentini Associates, Inc.	Jason Kuettel	A.W. Kuettel & Sons	

Jason Kuettel	A.W. Kuettel & Sons
Scott Patullo	A.W. Kuettel & Sons
Jeff Tyllia	APi Electric

D	ate	of

Origin Item # Description

Action By

<u>Work Scope 2.10 Civil & Site Electrical</u> – Northland Constructors of Duluth LLC – Nathan Fox-PM; Don Flom-Foreman; Tom DuBois-Utility Foreman

- 10/28/10 12.1 Northland has been dewatering especially along H line. Four pumps have been going since yesterday.
 - 12.2 Northland will be removing blacktop, etc. for duct bank at west side of East pedestrian enclosure.
 - 12.3 Nathan F. needs to submit pricing for the following KACC RFP's: No. 009, No. 012, No. 025, No. 027 and No. 029.
 - 12.4 Brian R. asked how many days total will it take Northland to complete the parking lot. Approximately 3 days total parking lot should be complete before 11/12/10.
- 10/21/10 11.1 Northland to pave 2" matt from West pedestrian path and patches on East pedestrian path on Monday, 10/25/10.

 (10/28/10 To run traffic, Northland will widen tapers, and add Class 5 at wings as needed).
 - 11.2 Northland has been tracking quantities on miscellaneous extra items, i.e. pedestrian enclosure Class 5, etc. (10/28/10 Ongoing).
- 09/30/10 8.1 Fill issue lean concrete dispute discussion will take place after today's construction meeting.

 (10/07/10 Ongoing. Northland is disputing lean-mix requirement within their scope. Further discussion after today's meeting).

 (10/21/10 Ongoing).

 (10/28/10 Ongoing).
- 09/23/10 7.2 West tunnel will not be closed today, as Northland is not digging due to weather. Northland is planning on working Saturday (weather permitted). This tunnel will close tunnel on Monday.

 (09/30/10 Closed approximately 2 to 3 weeks).

 (10/07/10 Ongoing).

 (10/14/10 12' width per Brian Ryks, DAA, for the pedestrian path. RS&H to issue a CSI).

 (10/21/10 RS&H to issue a CSI).

 (10/28/10 Ryan E. to send to KACC for distribution).

RS&H

09/16/10 6.1 Nathan F. needs to submit pricing for KACC RFP No. 009.

(09/23/10 – Nathan F. sent an email this morning questioning if this has been completed through Signpro. Brett C. to respond).

(10/07/10 – Nathan F. to provide pricing).

(10/14/10 – Pricing received and under review).

(10/21/10 – Will go against allowance. Chris B. to forward pricing to John H.).

(10/28/10 – Northland's pricing only included labor. Need to resubmit with material for two large Parking Rate signs).

Date of Origin	Item #	Description	Action By
	6.2	Northland will start digging the AA line first so Kelleher Construction can start AA line footings next week. (09/23/10 – AA line work has been deleted until further notice). (09/30/10 – Received Northland's pricing. Tom C. noted a revision will be issued for this RFP No. 011). (10/07/10 – Note: Delete reference to revision of RFP No. 011. RFP No. 017 is being revised). (10/21/10 – Credits are under review). (10/28/10 – Still under review by KACC and RS&H).	KACC/RS&H
	6.4	Blaine P. asked if Northland was going to have someone badged for work around pond area. Dan H. noted they will most likely hire one of the approved security forces instead.	
09/02/10	4.4	Received several phone calls this morning and observed trucks traveling too fast on Grinden Drive loop. Northland to slow trucks down. (09/09/10 – Some trucks have been driving the wrong way. This was addressed). (09/16/10 – Trucks need to stop at STOP signs). (09/23/10 – No issues). (09/30/10 – No issues). (10/21/10 – No issues reported).	Northland
08/12/10	1.1	Nathan F. noted the private locate and One Call meetings are scheduled for Friday, 8/13/10, at 8:00 a.m. (08/19/10 – No issues. LLB did private locate portion). (08/26/10 – Private locates needed for parking lot area for signage installation and APi work. Northland Constructors to call). (09/09/10 – No issues). (10/28/10 – Ongoing).	Northland
Site Elec	<u>trical</u> – A	APi Electric	
10/21/10	11.3	Jeff T. has Qwest work estimate completed. This cost must be processed thru Qwest and then Northland. Jeff will forward accordingly to Dave L. and Nathan F.	APi
10/14/10	10.1	Two light bases on west side of new employee access road need to be tested. APi did not contact AET for testing. (10/21/10 — KACC reminded everyone to notify KACC of concrete placement so testing can occur). (10/28/10 — Mike S. stating APi is trying to do their best with light bases. They are digging 10' down, and putting light soils back in and tamping).	
	10.3	One light pole is located in the pedestrian path. Burt , RS&H, said to hold off on install for now as there is enough light. This is the last light on west side of new Grinden Drive in island behind curb on south parking lot. (10/28/10 – No issue except it may be augured in. Install conduit now).	

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Origin Item # Description

Action By

09/02/10 4.6

Steve B. to schedule a meeting with MN Power, RS&H, DAA, APi, and Northland to discuss new vault and 6x12x8 manhole for placement at SE corner of parking lot for new and existing feeds to tie into. (09/09/10 – Minnesota Power, APi, RS&H and KACC to review after today's meeting. RS&H's electrical to coordinate with Minnesota Power). (09/16/10 – Mike S. and Steve B. met with Minnesota Power. Minnesota Power is designing and will submit a layout and calculations by Tuesday, 9/21/10 on this item. Current redundant line only to Haines Rd. New redundant line to manhole then new feed to Quazite box. Swag second redundant line under parking lot). (09/23/10 – Mike S. needs to know where to stub-up high voltage. Minnesota Power to supply 4 ½ x 6 x 6 Quazite box, which will be buried.

Minnesota Power to supply 4 $\frac{1}{2}$ x 6 x 6 Quazite box, which will be buried. Thomas C. and Cosentini to determine what size pad is required for the 10x12 generator. It was discussed to rotate generator pad 90° from plan. Location needed for the transformer and generator).

(09/30/10 – Tom L. stated he will submit through APi a not-to-exceed price with a plan for the proposed work. APi to submit through Northland to KACC, and KACC will forward to all for review).

(10/07/10 – Nathan F. requested APi's pricing from Jeff T. yesterday, and will forward once received. KACC is questioning whether or not Minnesota Power sent their pricing and sketches to APi.).

(10/14/10 - Minnesota Power and APi are moving forward).

(10/21/10 – API set vault conduits across parking log to transformer location, and just need to pour the transformer pad).

(10/28/10 – Redundant line to be cut and put into vault. It was noted there should be no cost if redundant line is not installed. The DAA does not want the redundant line).

Concrete & Bituminous Sawing - Concrete Sawing Services

08/19/10 2.3

Further discussions needed to confirm if crosswalks will be heated. Sawcut of crosswalks could be held off until next project Phase.

(08/26/10 — Suggested tying into boiler system versus stand alone system. Heated crosswalks used at St. Scholastica and SMDC with some problems. Brett C. to give Blaine P. contact information to talk further with each organization).

(09/02/10 – Proposal submitted for (1) apron heating and (2) sidewalk heating. An up-size charge was included in original proposal for both but possible additional charges for a second up-sizing. Brett C. to get Blaine P. contact information).

(09/23/10 – RS&H-Chicago is working with Cosentini what affects the boiler requirements will have on the building. Should have information mid-next week).

RS&H-Chicago/Cosentini

(09/30/10 – Tom C. noted they are putting together difference scenarios with respective costs for the DAA's review. Final decision is to pave-in crosswalks and cut-out in the Spring, and also leave out the tapered curbs).

(10/07/10 - A CSI to be issued for clarification. Install new Grinden Drive, pave thru to crosswalk areas and leave grade the same. Discussed further after today's meeting).

(10/14/10 – John H. calculated \$6,000 - \$10,000 to pave through at 4". Further discussion after today's meeting).

KACC

RS&H

New Passenger Terminal			10/28/2010
Date of Origin	item #	Description	Action By
		(10/21/10 – Currently waiting for additional information before CSI can be issued. Paving scheduled to begin 11/07/10). (10/28/10 – Item is resolved as there will be no paving this year).	
Landscar	oing & E	rosion Control – Erosion Control Specialists, Inc.	
10/21/10	11.4	John H. noted some silt fence can be removed. Steve B. spoke with Dale A., AJ's, and will remove before their work is done on site. (10/28/10 – Steve B. spoke with AJ's to remove a portion of the silt fence inside wetland area where vegetation has come up).	
	11.5	Ruts from City of Duluth truck on Grinden Drive near silt fence need to be smoothed out. (10/28/10 - Needs to be completed. Steve B. to check into with AJ's).	
09/23/10	7.8	Need certified payroll reports from Erosion Control Specialists for weeks of: 9/6/10 and 9/20/10. (10/07/10 – Still need certified payroll reports). (10/14/10 – Still need to provide). (10/21/10 – Still need certified payroll reports from ECS for weeks of 9/6/10 and 9/20/10). (10/28/10 – Ongoing).	Northland/ECS Northland/ECS
09/02/10	4.11	Steve B. noted according to SWPPP rain needs to be documented, including any issues that arise. Weekly checks need to be completed according to SWPPP. (10/28/10 – It was noted wood chips need to be added where sand stockpiled and permit lot as there is muddy run-off water).	Northland/ECS
Fill & Aba	andon P	<u>ipe</u> – Cellular Concrete, Inc.	
10/14/10	10.4	Need certified payroll reports.	
09/23/10	7.9	Nathan F. will get submittals and PLA from new contractor. (09/30/10 – PLA was received. How about submittals?). (10/07/10 – Submittals are still required. Nathan F. to submit). (10/14/10 – Nathan F. noted they will not get paid until submitted). (10/21/10 – Nathan F. received, and will forward to KACC for	Northland Northland

<u>Directional Boring</u> – Ground Effects Directional Drilling

processing).

10/14/10 10.5 Need certified payroll reports. (10/21/10 – Need certified payroll report for week of 9/27/10).

(10/28/10 - Nathan F. to forward to KACC).

Northland

Northland

Date of Origin Item # Description

Action By

Concrete Flatwork - Hovland, Inc.

10/21/10 11.6 Nathan F. is scheduling Hovland to start mid-next week, 10/27/10, for west end of new Grinden Drive.

> (10/28/10 - Reduced scope for this year as most will happen in 2011. Hovland will be on site next week to do two stretches of curb along lower access road).

Hovland

Fencing - Keller Fence Company

10/21/10 11.7 Nathan F. to schedule Keller Fence to begin work.

John H. noted will need to meet with Keller Fence prior to any work 09/23/10 7.10 regarding how to phase fence. Gaps cannot be left overnight.

08/19/10 2.6 Keller Fence needs to send required submittals. Keller/Northland

Keller/Northland

Northland/Keller

(08/26/10 – Submittals still need to be submitted).

(09/02/10 - Submittals are still needed).

(09/09/10 - Nathan F. called Keller again this week to get submittals in. Steve B. noted this work could be going on now due to nice weather). (09/16/10 - Nathan F. placed two calls this week. Still waiting for

submittals).

(09/23/10 - Still waiting).

(09/30/10 - KACC received and will return to Nathan F.).

(10/07/10 - Nathan F. received, and is waiting for Keller Fence's resubmittal).

(10/14/10 - Revised shops given to KACC before today's meeting. KACC will process and forward to RS&H. Keller Fence is ready to start work as soon as submittals are returned).

(10/21/10 - Ryan E. stated shops are being returned for correction. Keller Fence needs to provide Mill Certs and grounding information. Nathan F. Mill Certs will be provided after material has shipped).

(10/28/10 - Keller Fence is schedule for week of 11/8/10. Mill certs will be submitted when material is shipped).

Gas Main – Midwest Boring & Underground (Ulland Brothers)

10/14/10 10.6 Nathan F. to verify if riser was installed. (10/21/10 - Riser was installed too low. Midwest Boring needs to return and raise the riser). (10/28/10 - Complete).

Traffic Signage and Markings, Paint & Sealcoat - Sinnott Blacktop, Inc.

10/21/10 11.8 It was discussed additional signage is needed to curb wrong way traffic on Grinden Drive. To be discussed further.

Date of

Origin Item # Description

Action By

Tree Removal - Rick's Tree Service

08/19/10 2.9

Clearing and grubbing work at pond remaining for contract work.

CIPP Liner - Veit

08/12/10 1.39

Nathan F. noted scheduling Veit may be difficult, but will work through.

(09/02/10 - Nathan F. will contact Veit to schedule work).

(09/09/10 – Onsite week of 9/27/10 with one day of work. RS&H noted Veit to follow standard City of Duluth Specifications for work. Veit will televise and follow-up with CD/DVD. Steve B. also to document with pictures. As a courtesy, the City of Duluth should be notified).

(09/23/10 - Veit will be on site mid-next week).

(09/30/10 - Moved to week of 10/4/10).

(10/07/10 - Rescheduled for Monday/Tuesday, 10/11/10 and 10/12/10).

(10/14/10 – Work complete. Nathan F. to forward DVD when received from Veit).

(10/28/10 – Nathan F. received the DVD and will forward to KACC).

Veit/Northland

Concrete Waterproofing - Waterproofing by Experts, Inc.

10/21/10 11.9 Joe B. asked if mill thickness on waterproofing needed to be looked at. KACC confirmed – yes.

(10/28/10 - KACC to check with Braun for results).

10/14/10 10.7 Scheduled to start waterproofing mid-next week.

(10/21/10 – Waterproofing by Experts has started, and completed waterproofing as far as they can currently go, i.e. Gridlines 1 and 1.3, and on Grid C to 5 line).

<u>Work Scope 3.10 – Structural Concrete</u> – Kelleher Construction, Inc. – Brad Werner-PM; Jeremy Nathe-Superintendent

- 10/28/10 12.5 Jeremy N. noted should have tall wall poured at stair area by Wednesday, 11/3/10.
 - 12.6 A line pads poured but holding on piers for waterline install as they do not want to undermine soils.
 - 12.7 Coordination needed between APi and Kelleher for conduit through stoops at Gridlines G & H. MBJ gave two options as noted in their Observation Report No. 2.
- 10/21/10 11.10 Kelleher is working on lean concrete at H line, and is working west. A 90' section of the wall will be poured tomorrow.

Phase 3.

been selected.

(10/28/10 - Ongoing).

steel exposed to rain/snow).

Date of Origin	Item #	Description	Action By
09/30/10	8.6	Craig B. noted a 2' high mock-up of the fiberglass form finish of the round columns inside the building should be submitted for review by Tom C., RS&H-Chicago. (10/21/10 – Jeremy N. stated for form is on site for mock-up and will be poured tomorrow when wall is poured). (10/28/10 – Sample was poured and will be brought up to KACC trailer for viewing. Kelleher needs to submit their means and methods as requested by MBJ for column construction. Jeremy N. noted their intent to use similar methods to UMD's Engineering Building, and will visit that site to look at an example).	
09/16/10	6.10	Kelleher Construction is on schedule to start next week with footings on AA line then will move to building footings on west end of building. (09/23/10 – AA line work has been deleted until further notice). (09/30/10 – Received Kelleher's pricing after today's meeting. Tom C. noted a revision will be issued for this RFP No. 011). (10/07/10 – Note: Delete reference to revision of RFP No. 011. RFP No. 017 is being revised). (10/21/10 – KACC to submit Kelleher's pricing to Tom C.).	KACC
08/19/10	2.12	Need mix design submittal(s). (09/02/10 – Mix designs were submitted to MBJ and RS&H-Chicago 8/31/10 for review). (09/09/10 – Below grade only – still need remaining designs). (09/23/10 – Brett C. noted we need Kelleher's above grade submittals).	Kelleher
Rebar Ins	stallation	<u>n</u> – Woody's Rebar Co., Inc.	
10/21/10	11.11	Brett C. and Brad W. to discuss a possible credit for rebar not ordered along AA line. Jeremy N. noted some dowels were sent with couplers on them for A and AA lines.	
10/14/10	10.8	Steve B. noted Woody's Rebar is keeping on schedule, no manpower issues and ramping up as needed.	
Work Sco	pe 4.10	<u>– Masonry</u> – Harbor City Masonry, Inc. – Roger Anderson-PM;	
Fluid App	olied Me	mbrane Air Barriers – EBS, Inc. – David Williams	
Work Sco	ope 5.10	- Structural/Miscellaneous Steel - Dynamic Structural Steel, LLC - Jason Er	rickson-PM
10/21/10	11.12	Patrick C. noted Phase I and 2 steel is being fabbed, and are starting on	

(10/28/10 – Jason E. stated material is on trucks and ready to deliver but is holding off due to snow as he does not want newly painted

11.13 Patrick C. noted they have started painting steel now that a color has

Date of Origin	Item #	Description	Action By
	11.14	Dynamic Structural Steel can start delivering steel to site, and will stage trailers based on the sequence of installation. Coordinate trailer locations with Steve B. Steve requested a 1 or 2 day notice.	DSS/KACC
	11.15	Patrick C. noted they may forgo a pay application for this month, and submit for November, which would be a large pay application. (10/28/10 — Submitted a pay application for this month. Per discussions with Dynamic, will be rejected and returned).	
09/30/10	8.7	Phase 6 miscellaneous metals and stairs shops have been submitted for review. (10/07/10 – Brett C. asked the status of this submittal). (10/21/10 – Tom C. stated being reviewed. A possible CSI to be issued soon). RS&H (10/28/10 – Shops returned to Dynamic Structural Steel. RS&H-Chicago will issue a CSI with exact changes as noted on shop drawings).	R\$&H
	8.8	Jason E. submitted steel paint colors to Tom C., RS&H-Chicago, at the Monday, 9/20/10, meeting. (10/07/10 – Tom C. stated he is working with SJA on colors. We should receive by the end of the day Friday, 10/8/10. Jason E. noted as soon as he received color, Sherwin-Williams will submit draw-downs, and overnight them). (10/14/10 – Sample submitted. Revise color and follow specifications. Dynamic Structural Steel will try and submit sample to arrive at RS&H-Chicago's office on Friday, 10/15/10. If not, Tom C. can review at the jobsite Monday afternoon, 10/18/10). (10/21/10 – Samples reviewed earlier this week and a color has been selected).	
09/02/10	4.14	Dynamic Structural Steel submitted RCO-001 for review and comment. KACC RFI No. 004. (09/16/10 – Formatted into RFP No. 010 and forwarded to Thomas Chambers, RS&H-Chicago for review and comment). (09/23/10 – Phase 2 structural plans received and returned to Dynamic 9/21/10. According to Thomas C. additional submittals are being returned to KACC today). (10/07/10 – Final rendition of pricing sent to Tom C. for review just prior to today's meeting. Tom C. noted he will need a day to turnaround). (10/14/10 – All information regarding this item has been submitted, and is under review). (10/21/10 – Tom C. and Jason E. met earlier this week, and resolved remaining minor issues. Jason E. is revising RCO documentation for final submission). (10/28/10 – Tom C. noted documentation was not submitted on the required RCO form).	RS&H-Chicago

Date	of
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Origin Item # Description

Action By

Steel Erector - Northern Industrial Erectors, Inc. - Bryan Hutchinson-PM

09/30/10 8.9 Northern Industrial Erectors' scheduled to start work November 1, 2010. (10/07/10 – Jason E. asked if there are revised start dates. Please let him know due to the set-up of the cranes. Brett C. will keep him posted). (10/21/10 – Tentative start date is: 11/8/10. KACC,DSS & NIE to meet next week to finalize schedule).

KACC/DSS/NIE

(10/28/10 - Meeting scheduled for after today's construction meeting).

08/12/10 1.49 Bryan H. noted he would like to have access to power to plug in their crane overnights (in lieu of running a generator). Brett C. reminded him temporary power may not be available until the end of this year.

Discussion regarding 160' boom on crane – add flashing light or beacon at night as required by FAA. Bryan H. noted they will lower boom to 20% angle and put a flag on top. Northern Industrial to process FAA permit for crane ASAP, and provide KACC & RS&H with a copy of the permit. (08/19/10 – RS&H provided information, which KACC forwarded, to answer Bryan H.'s questions of longitude/latitude, etc.). (09/09/10 – Bryan H. submitted a few weeks ago, and its about a 6-8 week turn around time. Will have prior to start). (10/14/10 – KA discussed with FAA. Permit should be forthcoming). (10/28/10 – Partial comments were received from the FAA. Brett C. asked if we can proceed with only partial comments).

NIE, Inc.

Work Scope 5.11 – Metal Framing - Minuti-Ogle Co., Inc. – Brandon Henry-PM

10/14/10 10.9 Brandon H. will provide input into current schedule.

09/30/10 8.10 Contract was mailed to Brandon H. on 9/22/10. Contract, Bonds, Insurance, EEO Statement, Request to Sublet, PLA and Affidavit of Non-Collusion to be returned.

Work Scope 7.10 - Metal Panels - The Jamar Company - Paul Zwak-PM

09/30/10 8.11 Contract was hand-delivered to Jamar on 9/22/10. Contract, Bonds, Insurance, EEO Statement, Request to Sublet, PLA and Affidavit of Non-Collusion to be returned.

(10/21/10 — Need Jamar's Insurance Certificate, Request to Sublet Form(s) and PLA(s)).

Work Scope 7.11 - EPDM Roof - The Jamar Company - Dave Wells-PM

09/30/10 8.12 Contract was hand-delivered to Jamar on 9/22/10. Contract, Bonds, Insurance, EEO Statement, Request to Sublet, PLA and Affidavit of Non-Collusion to be returned.

(10/21/10 — Need Jamar's Insurance Certificate, Request to Sublet Form(s) and PLA(s)).

Origin Item # Description Action By

Work Scope 8.10 - Curtain Wall - Harmon, Inc. - Mike Laudise-PM

Contract was mailed to Bill A. on 9/22/10. Contract, Bonds, Insurance, 09/30/10 8.13 EEO Statement, Request to Sublet, PLA and Affidavit of Non-Collusion to be returned.

Work Scope 15.10 - Mechanical (Below Grade) - A.W. Kuettel & Sons, Inc. - Jason Kuettel-PM Plumbing; Scott Patullo-PM HVAC; Drew Smycalski-Superintendent

10/21/10 11.18 Due to shallow depth at 4" line from entry stoops, only 5' down, A. W. Kuettel would like to add foam to bring to 6'. (10/28/10 – Jason K. needs to submit a formal RFI on this item).

A.W. Kuettel

API

10/14/10 10.12 Drew S. noted the grease interceptor guestion should be addressed with the submittal. (10/21/10 - As already discussed, RS&H/Cosentini will add (1) additional grease interceptor at Kitchen area in the next Bid Package).

Work Scope 16.10 - Electrical (Below Grade) - APi Electric - Jeff Tyllia-PM

- 10/28/10 12.8 Mike S. wanted it noted APi's work on the duct bank is being held up as they are boxed in with the pedestrian enclosure. Mike suggested prioritize which duct bank we want installed first.
- 10/21/10 11.19 APi to start installing lights in pedestrian enclosure as soon as today, and will be reusing tunnel lights from Terminal.
- 10/07/10 9.8 APi Electric needs to complete Subcontractor Daily report Forms in KACC's trailer on a daily basis.
 - 9.9 RFP to add duct bank to be issued to APi. (10/14/10 - RFP 020 Revised submitted. API is currently working out issues and should start work today). (10/21/10 - Jeff T. has pricing completed, and will submit after today's meeting). (10/28/10 - Jeff T. needs to submit final pricing to KACC for this RFP

as soon as possible).

09/30/10 8.15 Steve B. to let Mike S. know when footings have been grounded by grid lines 8 & 9. Steve B. noted there is a drawing in the plans to follow for grounding. (10/14/10 - Will do tentatively next week).

> 8.16 Contract together with Notice to Proceed was hand-delivered to Jeff T. on 9/22/10. Contract, Bonds, Insurance, EEO Statement, Request to Sublet, PLA and Affidavit of Non-Collusion to be returned. (10/14/10 - APi's insurance certificate was received and forwarded to Brian G. Need remaining contract documents submitted). (10/21/10 – Jeff T. signed documents yesterday, and will return). (10/28/10 - Contract documents received and forwarded to Brian G., DAA, for their records).

Date of		
Origin	ltem#	Description

Action By

Civil Scope Testing Agency - American Engineering Testing, Inc. - Andy Edlund

- 10/2/10 12.9 Nathan F. noted some granular tested high 9% instead of 7%. Pea gravel was added and test passed.
 - 12.10 KACC will need AET on site due to this weeks rain/snow.
- 10/21/10 11.21 AET will start testing on west Grinden area as sand fill is being brought in, and will start on Class 5 once on site at the end-of-next week.
- 10/14/10 10.13 Andy E. noted low tests on water at east side, and should have results back today.
- 10/07/10 9.13 Cellular concrete was at 45 psi, and specifications state 100-200 psi in two days. He will keep us posted.

 (10/14/10 Andy E. noted waiting to see how 20-day results come back).

 (10/21/10 Ryan E. noted correction: 28-day results).
- 09/23/10 7.21 All test reports up to last week are on the ftp. site.
 (09/30/10 All parties asked to check the site for test reports. The following is the distribution list KACC requested: Nathan Fox, Northland Constructors; Steve Bergerson, KACC; Chris Barta, KACC; John Hippchen, RS&H-Duluth, and Thomas Chambers, RS&H-Chicago.).

Building Scope Testing Agency - Braun Intertec - Joe Butler

- 10/21/10 11.22 Joe B. stated overall concrete is performing well. Joe B. noted to check the ftp site for current test reports.
 (10/28/10 Ongoing).
- O9/30/10 8.17 All parties asked to check the site for test reports. The following is the distribution list KACC requested: Thomas Chambers, RS&H-Chicago; Steve Bergerson, KACC; Chris Barta, KACC; John Hippchen, and RS&H-Duluth. To avoid any lapses in test reports, we would prefer RS&H-Duluth and RS&H-Chicago be copied on all test reports. Send Brad Werner, Kelleher Construction only the concrete test reports from the Building Scope testing. Send Nathan Fox, Northland Constructors' only the soils test reports from the Building Scope testing. (10/07/10 Add Craig Bursch, MBJ, to FTP site access. Jeremy Carlson, Arrowhead Concrete requested break results).
- Subcut was inspected to verify we are on native soils. Inspection o.k. (09/30/10 Joe B. noted we are having issues with native soils. Further discussion after today's meeting).
 (10/21/10 Braun has continued to monitor and document conditions daily).
 (10/28/10 Joe B. noted along gridlines 7-12 on H, most required soils were removed for water main, but was in original prints).

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Item# Description Origin

Action By

Project Onsite	Superintendent	legues - Steve	Regerson	KACC Sunt
Linieri Oligite	Onheillifelinelif	199069 - OIGAG	Deigerson,	IVACC Supt.

10/28/10 12.11 API/Northland to mark unfinished items with posts with reflectors before snow covers new islands, curbs, etc.

API/Northland

09/16/10 6.15 Steve B. noted will need a wash-out area and dewatering plant once Kelleher Construction starts work per the SWPPP.

> (09/23/10 - Kelleher will make a wash-out area once a little further into the project).

> (10/07/10 - So far, concrete trucks are taking any extra material and wash water back with them).

> (10/28/10 - Dewatering plant may not be needed, as Kelleher has made other arrangements for concrete truck wash out).

08/19/10 2.18 Contractor parking is all along road behind KACC's trailers and down Haines Road to barrier.

ALL

(09/23/10 - Again Steve B. noted parking at KACC trailer or at new west parking lot only. Contractors are not to be parking anywhere else on

(09/30/10 - It was noted AJ's Lawncare needs to park in designated area(s)).

(10/14/10 - Requirement by Airport Security all contractors to stay at least 10' away from fence, the farther away-the better).

ALL

(10/28/10 - Contractor parking will change depending on type of construction on site).

2.19 Steve B, reminded contractors to keep roads clean. No tracking onto the Grinden Drive loop.

ALL

(09/09/10 – Northland is going a good job. Thank you).

(09/16/10 - Brian R. requested cutting down on dust as much as possible. Do not want customers returning to dust covered vehicles and harder on rental car agencies to keep rental cars clean).

(09/30/10 - Nathan F. noted sweeper is coming today to clean southwest corner where trucks are hauling material).

(10/07/10 – All parties trying to keep up with dust, tracking and cleaning). (10/14/10 - Extremely dusty today with high winds. Northland to keep on top of dust as there have been numerous complaints).

Northland

2.20 All contractors to put their garbage, debris, etc. into dumpsters. Need to keep airfield clean of flying debris.

ALL

(09/09/10 - Steve B. noted this is a LEED project, and at some point we will have multiple dumpsters on site for wood, metal, etc.).

(09/23/10 - Pop cans, grease tubes and garbage noticed around site. PLEASE use designated garbage cans located at KACC trailers).

(10/14/10 - Steve B. noted a dumpster has been added down at the building footprint area).

(10/21/10 - Steve B. and Brian R. noted garbage around site. Contractors must either keep garbage in their vehicles or use dumpsters). ALL

ALL

08/12/10 1.57 Steve B. will perform Wage Rate Interviews on a weekly basis. Selected individual will complete a form asking wage information and sign. Steve B. then turns into the KACC office where Chris B. verifies whether or not prevailing wages are being paid.

Date of Origin	item #	Description	Action By
Construc	tion Mar	nager - Kraus-Anderson Construction Company - Brett Cahoon-PM; Chris Barta	a-PA
10/28/10	12.12	Next Status Meeting is Monday, November 1, 2010, at 10:00 a.m.	
10/07/10	9.17	Individual QMS meetings will be held with each Prime Contractor.	
08/26/10	3.19	Reminder: All Prime Contractors and first-tier, second-tier subcontractors, etc. must turn in Certified Payroll Reports to KACC.	All
08/12/10	1.62	Weekly construction meetings will be held every Thursday, 9:00 a.m. in KACC jobsite trailer.	All
	1.64	KACC to spot check certified payroll reports submitted by Prime Contractors and their first-tier subcontractors. (10/07/10 – Ongoing).	KACC
	1.65	Brett C. noted Airport customers are responsible for all us having this project, and stressed the importance of our doing everything in our power to keep those customers happy. The less complaints the DAA receives the better. I.e. watch foul language, keep roads clean, etc.	All
Engineer	/Archite	ct-Civil - Reynolds, Smith and Hills, Inc John Hippchen; Ryan Erdmann-RPR	
10/28/10	12.13	John H. stated RS&H requires a redline set of plans from each Work Scope which includes all structures, inverts, etc. when project is complete for their use in developing as-builts for the City of Duluth.	
	12.14	Electrical trenches at Airfield Gate will need to be seeded as old grass did not come up.	
10/21/10	11.25	RS&H to contact either County or City to have Airport entry/exit road changes updated for GPS systems. (10/28/10 – Ryan E. sent updates to Garmin, but no response as of yet. John H. to speak with Cindy at City).	RS&H
	11.26	John H. noted Manhole 73 was not correctly placed and interferes with canopy footing on A-line. Manhole was set 1' too far to north. Nathan F. will survey and send to KACC/RS&H for their review. (10/28/10 – Nathan F. will check status).	Northland
10/14/10	10.16	John H. noted tomorrow is October 15 th , and MNDOT specifications put a hold on paving. RS&H will waive specifications but not the density requirements. Further discussion can take place after today's meeting. (10/21/10 – FAA will not allow any variation from Specifications. October 15 th date is the wear course criteria. Additional discussion after today's meeting). (10/28/10 – Northland Constructors will only pave Permit Lot this year. Discussions on leaving gap between curb and pavement stop will be o.k. on 2 ½" base on Permit Lot).	Northland

Date of Origin	Item #	Description	Action By
10/07/10	9.18	Ryan E. noted a trench sank leaving a manhole exposed. This will need to be addressed before snow falls. (10/14/10 – RS&H to check into exact locations). (10/21/10 – API touched up trenches last week). (10/28/10 – Addressed).	
	9.19	Need to give direction to Northland on West enclosure at west tunnel regarding width of road and pedestrian path. Pedestrian path 26' from building. Exit of west tunnel 12' – field coordinate this item. (10/14/10 – 12' width per Brian Ryks, DAA, for the pedestrian path. RS&H to issue a CSI). (10/21/10 – RS&H will issue a CSI). (10/28/10 – Ryan E. will forward to KACC for distribution).	RS&H/KACC
09/30/10	8.19	John H. noted a discussion is needed for the possible issuance of an RFP for conduit change order for duct bank on WS 16.10. (10/14/10 – RFP No. 020 Revised issued to APi). (10/21/10 – RFP No. 020 Revision 2 issued. APi's pricing will also include cost for transformer pad). (10/28/10 – APi working on a few minor changes, and will submit).	APi
	8.20	Ryan E. noted the City needs to be on site for bacteria testing prior to any pressure tests. (10/07/10 - Ryan E. noted tests taken two days ago, and the City will send a final report. If we haven't heard there is an issue by now, tests results should be o.k.). (10/21/10 - Ryan E. stated water test passed. The center section still needs to be tested). (10/28/10 - Ryan E. noted 12" is complete. Testing was done on Monday for 8" line going thru center of the new Terminal. Bacteria test passed, and pressure test being done today. If passes will switch over from old to new line).	
<u>Architect</u>	; - Reyno	olds, Smith and Hills, Inc Thomas Chambers; Mark lp; Marc Godzina	
09/30/10	8.21	Tom C. noted a revision to RFP No. 017 regarding the elevator pit drainage will be issued. Rerouted to avoid footings. (10/07/10 – RFP No. 017 Revised issued on 10/5/10). (10/21/10 – Chris B. to forward Contractor pricing to Tom C. for review). (10/28/10 – Cosentini's comments were returned and forwarded to Kelleher Construction and A.W. Kuettel for review and resubmission).	
Owner -	Duluth	Airport Authority - Brian Grefe-Director of Operations; Blaine Peterson-T Manager	erminal/Facilities
10/28/10	12.15	Brian R. stated we need to revisit adding LED lights with solar panels to some directional signage on site. KACC will send an RFP to Northland.	
10/21/10	11.27	Brian R. stated if at all possible, pedestrian path enclosure must be complete by Wednesday, October 27, 2010, as rain is in the forecast. (10/28/10 – Tentative opening on Tuesday, 11/2/10).	KACC

Date of Origin	Item #	Description	Action By
10/14/10	10.19	Blaine P. noted we need to install (3) "Construction Zone" or "Keep Out" signs equally spaced along railing across from Terminal. (10/21/10 – Two signs have been installed). (10/28/10 – KACC to order "Construction Zone" signs).	
	10.20	Blaine P. requested additional manhole covers. KACC to grab skid steer and move next to their trailer. DAA will pick up from there. (10/21/10 – Covers are located outside KACC's trailer).	
	10.22	Blaine P. noted he would like to have a snow removal plan meeting in the near future with all key individuals responsible for snow removal. (10/21/10 – Joe B. noted rebar with small flag can be used to mark curb locations to aid in snow removal).	
	10.23	Brian G. noted KACC should have the security plan for pedestrian enclosures complete by next Board meeting on Tuesday, 10/19/10. Brett C. has been reviewing plan with APi, and get their pricing in time for Board meeting. APi was asking if space was left on the existing system for a camera – Yes. (10/28/10 – Brett C. noted Arrowhead had a splitter, so one screen will be split into four to show all cameras).	
	10.24	Brett C. is working on KACC Construction Area lease, and should have to DAA in the next day or two. (10/21/10 - KACC submitted to the DAA. Joan Christensen, City Attorney, is reviewing). (10/28/10 - Ongoing).	
09/23/10	7.30	Blaine P. noted contractor trailers are not to be parked within 10' of Airport fence. Trailers must also have an individual locking mechanism Do not use fence as the lock.	
09/16/10	6.18	Blaine P. noted a few safety concerns: (1) construction workers MUST be courteous. Anyone not complying will immediately be removed from the site. (2) Watch what is going on around your work, especially for little kids. (3) Be sure to add cones to direct customers (if/as needed).	
	6.20	Steve B. has been sending bi-weekly site photos to Alison J. per her request. (10/07/10 – Bob S. is also taking pictures). (10/21/10 - RS&H has ordered an aerial view of the project site).	
09/02/10	4.20	Blaine P. stated the importance of keeping the communication flow on any project changes. Keep Blaine informed as far in advance as possible.	

Resident Project Representative "RPR" - Building Scope - SJA Architects - Bob Swanfeld

10/21/10 11.28 Bob S. stated he will arrange to send Tom C. his notes and photos each day.
(10/28/10 – Bob S. will call Tom C. regarding notes and photos sent

but not received by RS&H).

INEW Fas	senger i	eminar	10/20/2010
Date of Origin	Item #	Description	Action By
09/30/10	8.23	Bob S. noted he has taken notes on the project to date, and are an "open book" for those wishing to review.'	
09/23/10	7.31	Bob S. has been on site a few days this week. He is currently on site on a limited basis, but will increase as architectural work begins. (09/30/10 - Bob Swanfeld introduced himself at today's meeting. For now he will be working Tuesday thru Thursdays, 8:00 a.m. to 4:30 p.m.). (10/07/10 - Revised hours: Tuesday's 8:00 a.m12:00 p.m.; Thursdays 8:00 a.m 2:00 p.m.).	
Structura	ıl Engine	<u>eer</u> – MBJ Consulting – Craig Bursch	
10/28/10	12.16	KACC to issue MBJ's Observation Reports to Prime Contractor's for their review and return acknowledgement.	
10/14/10	10.26	Tom C. noted at this time MBJ should be on site every couple of weeks. Once steel installation begins, will be on site weekly.	
Mechanic	cal Engir	<u>neer</u> – Cosentini Associates, Inc. – Mark Brandi	
Electrica	l Engine	<u>er</u> – Cosentini Associates, Inc. – Mark Brandi	
Replacer	nent Ter	minal - Phase I Items	
10/21/10	11.29	John H. noticed parking lot lights were on this morning. Check to see if	

	(10/28/10 – Steve B. noted lights are set up on different timers, half/half, and will go on/off at different times).
10/14/10 10.27	Static on phone line to ticket booths will be explored further.
10.28	The Airport has noticed (3) different light bases installed last year by Polyphase in which the sub grade has settled, and now there are depressions and/or holes thru the asphalt. This is a poor compaction issue, and the DAA is expecting Polyphase to correct it. (10/21/10 – Tim Harkonen, Polyphase, was on site yesterday, and reviewed the bases at SW corner of parking lot with Steve B. It was decided in order to get the work done, Northland Contractors will take a few shovels and fill worst base while they are paving. Will work out cost. KACC/DAA will monitor the other two bases). (10/28/10 – Northland ran out of mix, and will coordinate next time paving occurs on site).

Northland/KACC

10.29 Blaine P. noted (1) light is out. (10/21/10 – Ask Blaine P. which light is out).

timer is set correctly.

Date of Origin	ltem #	Description	Action By
	10.30	A ticket dispenser at the entry to Long Term Parking needs to be repaired. Brian G. noted it has not worked properly since it was installed during Phase I. KACC to write a letter to Amano for correction. (10/21/10 – KACC submitted a letter to Rob Messeroll, Ulland Brothers).	Amano/KACC
General I	.andsca	ping - Phase I	
10/28/10	12.17	Delineators for meadows will be installed. Any additional delineators required will go through the allowance. To be discussed further.	
	12.18	AJ's submitted invoice to Ryan E., and Ryan forwarded to Mindy A., Appold Design for review.	
10/21/10	11.30	AJ's Lawncare will be wrapping up work next week. (10/28/10 — Work remaining includes taconite screenings from edging to curb line, sod and tree install at islands).	AJ's
10/07/10	9.24	Dale A. has concerns regarding late season seeding, and will submit an RFI for review and direction.	AJ's/Ulland
		(10/14/10 – AJ's/Ulland needs to submit). (10/21/10 – Chris B. to submit RFI to RS&H after today's meeting). (10/28/10 – RFI response received, and forwarded to Ulland Brothers/AJ's Lawncare).	KACC
	9.25	Dale A. is questioning condition of topsoil mix as it is mainly clay. He will submit an RFI for review and direction.	AJ's/Ulland
		(10/14/10 – AJ's/Ulland needs to submit). (10/21/10 – Chris B. to submit RFI to RS&H after today's meeting). (10/28/10 – RFI response received, and forwarded to Ulland Brothers/AJ's Lawncare).	KACC
Minneso	a Power	r – Tom Leines	
<u>Qwest</u> –	Dave Lar	rson	
10/21/10	11.31	Jeff T., APi Electric, to submit pricing to Qwest, and Qwest to submit to Northland Constructors. (10/28/10 – Nathan F. to forward to KACC for review).	
09/09/10	5.15	Qwest needs to review Quazite box shop and respond. RS&H has been calling with no response. Suggested contacting Dave Larson directly for assistance. (09/16/10 – Dave L. was on site yesterday, but did not speak with Steve B. and briefly spoke with Ryan E.). (09/30/10 – Dave L. stated two 4" conduits would be needed to the Qwest Quazite box. Qwest would mimic the same path as Minnesota Power). (10/07/10 – Narrative given by Dave L. Does Qwest have pricing? Steve B. and Ryan E. to contact). (10/21/10 – Still pending). (10/28/10 – Item resolved, and just waiting for pricing).	

Date of

Origin Item # Description

Action By

Miscellaneous

09/02/10 4.24

The Design Team had a discussion regarding large format shop drawing submittals, and decided the following: (2) hard copy sets and (1) electronic version submitted to KACC. KACC to submit (1) set direct to RS&H-Chicago's Consultant and (1) set to RS&H-Chicago for review. Consultant to submit (1) red-lined set to RS&H-Chicago to include their red-lines, and will send KACC (4) final sets for distribution. (1) for Prime Contractor; (2) for KACC Office/Field; (1) for DAA for Owner Record Set. (10/07/10 – 6 copies of standard size submittals required).

-19-

Safety and Clean-Up

09/16/10 6.21 Steve B. just noted don't leave any open holes, barricade at night, take appropriate steps to keep jobsite safe. He also stated Northland has been doing a good job.

09/09/10 5.16

KACC will do consultation with OSHA on the project.

(09/23/10 - Steve B. has three calls into the consultant, and will contact again).

(09/30/10 - Steve B. has submitted paperwork to request the consultation).

(10/14/10 - Tom Nelson, KACC Safety Director, has the new OSHA contact information and will forward to Steve B.).

(10/21/10 - Steve B. has a call into new OSHA consultant, and will contact again).

(10/28/10 – Steve B. has left numerous messages. KACC Safety Director to contact as well. Bob S. noted they have lost several employees, and are short on staff. It is possible someone from St. Paul will visit site).

08/12/10 1.73

Keep roads clean.

(09/09/10 – Northland is doing a good job of keeping roads and walkways clean. Thank you.).

(10/21/10 – Steve B. noted Northland's sweeper has been going through the site daily).

Change Orders/RFI's/PCO's

10/07/10 9.26 John H. noted he has not heard back from FAA or MNDOT on Change

Order No. 2 for Northland Constructors.

(10/14/10 – No updated from either MNDOT or FAA).

(10/21/10 – John H. is waiting to hear back from Gordon N.).

(10/28/10 - Still no word back from Gordon. John H. will call).

09/02/10 4.26 Summary and Outstanding RFI, PCO and Submittal logs to be distributed prior to Construction Meetings in lieu of attaching to Meeting Minutes.

KACC

RS&H

08/26/10 3.23 Please note any PCO resulting in a Change Order: Change Order needs to be fully executed before any work can proceed.

Date of Origin	Item #	Description	Action By
Pay Appl	<u>ications</u>		
10/28/10	12.19	Next Pay Application Meeting is Thursday, November 4, 2010, after the construction meeting.	
10/28/10	12.20	Nathan F. noted they have not received payment yet for Pay Estimate No. 1 from September, 2010. Ryan E. noted the first pay application usually takes the longest to process. Brian R. said he would check into the status of payment with Kathy and Brian.	
10/14/10	10.34	The submission period for pay applications is the 1 st to 15 th of each month. Brian G. noted all pay applications need to be submitted at one time so a summary sheet can be attached by the DAA.	
09/30/10	8.25	Brett C. confirmed procedure for Prime Contractor's submitting Pay Applications, and is as follows: Prime to KACC for initial review; KACC to RS&H-Chicago for review/approval, then back to KACC prior to pay application meeting for signatures.	
09/02/10	4.27	Pay Application meetings will be held the first Thursday of every month. All Prime Contractors, DAA, RS&H and KACC to be present for signatures. Primes/DAA/F	RS&H/KACC
<u>Quality</u>			
10/21/10	11.32	KACC to schedule QMS meetings with Prime Contractors.	KACC
Photo Do	cumenta	ation – Multivista MN – Rick Noble	
10/28/10	12.21	Steve B. noted Multivista was not on site this week due to the weather. We will have an additional week and will double up a week in the future.	
10/14/10	10.36	It was noted Multivista will be able to get wider views of the project once there is above ground work.	
09/09/10	5.18	Steve B. will contact on a weekly basis.	
<u>Pedestria</u>	ın Walkv	<u>vays</u> – VersaTube – Peyton Cascio	
10/28/10	12.22	KACC reported they will add 50' to south end of East pedestrian enclosure, and will work through Saturday to tile into the existing Terminal building.	
	12.23	KACC will start on West pedestrian enclosure at south end and work north to allow Northland Constructors to finish their work.	
10/21/10	11.33	VersaTube's Owner was on site yesterday.	

Date of Origin	Item #	Description	Action By
	11.34	Clear roof panels are being shipped, and will be installed when on site. (10/28/10 – Brett C. noted clear roof panels will be installed in a staggered fashion along roof of pedestrian enclosures).	
09/23/10	7.37	Material tentatively on site October 6 th or 7 th . (10/07/10 – Material delivered yesterday with additional material coming early next week. Crews starting install today). (10/14/10 – All structural components are on site. Framework is set, but some will need to be removed due to duct bank work). (10/21/10 – East Pedestrian Enclosure: waiting for duct bank and paving to be completed so remainder of enclosure can be constructed).	

<u>Schedule</u>

Substantial Completion:

October 1, 2011

Completion:

October 15, 2011

10/28/10 12.24 See attached KACC 3-week look ahead schedule.

10/28/10 12.25 Northland Constructors':

87 Calendar Days: 11

11 calendar days

remaining.

10/21/10 11.37 A. W. Kuettel & Sons, Inc. Working Days stopped 10/14/2010.

Phasing Status/Issues/Changes

Permits

10/07/10 9.29	The City has not returned plumbing review on Building Plans. Tom C. to check into status. (10/14/10 – Brett C. received plumbing review and forwarded to Tom C. for review and comment). (10/21/10 – RS&H is responding to plumbing review. City needs to submit HVAC review). (10/28/10 – RS&H responded to plumbing review. No forthcoming/further reviews to be completed).
9.30	All parties to submit copies of permits issued to KACC.
09/30/10 8.30	KACC submitted permit application for pedestrian walkway enclosure to the City for review and issuance. (10/07/10 – Tentative permit today).

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(10/14/10 – Permit received Friday, 10/8/10. Permit documentation is filed on site).

(10/21/10 – Waiting for additional drawings from VersaTube to submit to City per their request).

(10/28/10 - Ongoing).

Construction Meeting No. 12 10/28/2010

Date of Origin	Item #	Description	Action By
09/23/10	7.40	Building permit documents have been submitted. A list was received from the City of Duluth for review. Thomas C. noted RS&H-Chicago to run through the list and submit revisions in the next few weeks. (09/30/10 – Tom C. noted Mark Ip has been reviewing, and he will be briefed on his return to Chicago tomorrow).	

Weather

10/28/10 12.26 First snow of season halted work on site. Colder temps in the weeks forecast.

The next meeting will be held <u>Thursday, November 4, 2010, at 9:00 a.m.</u> at Kraus-Anderson Construction Company's jobsite office trailer.

You are required to attend the construction meetings if you are soon to be on-site, are currently on-site, your work needs to interface with others, or you have questions or concerns that require documentation in the minutes.

It is your responsibility to read these minutes in their entirety. This report is assumed to be true and accurate unless notification to contrary is received within 72 hours.

Submitted by:

KRAUS-ANDERSON® CONSTRUCTION COMPANY

Brett Cahoon, Project Manager

BU/CD

Attachments: 3-Week Look Ahead Schedule

Three Week Look Ahead Schedule

Kraus-Anderson® Construction KACC Project #20225 New Passenger Terminal Bid Package I

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- Traffic Cantrol Signage (4x Sheeded) - WEST T'S ELLOS STIFE - Parking& Grinden Rd. Sand and Class 5 - Onan Tile And Backfill Interior and Exterior - Use The Cantrol Stand and Class 5 - Leave Trace Turnel to Vehicle Taffic - Intal Water Main State Stand and Class 5 - Continue Digging By Expension - Install Water Main across Find Taffic - Install Water Main across Find Biol (1x Shering) - Backfill Founge - Leave Trumel to Vehicle Taffic - Install Water Main across Find Find Class (1x Shering) - Sub Cut. Sand and Class Si - Continue Digging By Expension - Install Water Main across Fed Fath East Ped path - Seath Met Cash Pack Dath - Water Main Work East Parking - Pack Mill Founge - Backfill Founge - Sast West Grinden Dr. (Noxt Year) - Pack East Penting Lot 11-6-10 - Pack Deat Fath Taffic Dr. (Noxt Year) - Pack East Penting Lot 11-6-10 - Pack Cons Rd. Tile In 11-6-10		**					▓	※							**					₩
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- Drain Tile And Backfill Interior and Exterior - Water Profring - CANDIOPY A_AL LUNE - CANDIOPY A_AL LUNE - Backfills to Gird (Camplete) - Backfills to Gird (Camplete) - Backfills to Gird (Camplete) - Backfill Camplete Sail Factor Camplete) - Backfill Camplete Sail Factor Camplete - Close East Turnel to Vehicle Traffic - Short inter bigging Bidg (as needed) - Short inter bigging Bidg Footings and Pads - Cantinue Digging Bidg Footings and Pads - Install Water Main across Ped Path East (Complete) - Tim tim over Set Ped Path - Switch over Vechicle Traffic to East side of Ped Endos - Switch over Vechicle Traffic to East side of Ped Endos - Switch and Water Main Work East Parking - Backfill Footings - Sorm and Water Main Work East Parking - East West Ginden Dr. (Next Year) - Pave Lower Access Rd. Tein 11-3-10	-Parking& Grinden Rd. Sand and Class 5	**			1000000		*		**		District to		STATE OF STREET	×	×				W. 100	×
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- Pave Lower Access Kd. He In 11-8-10	- Pave East Permit Parking Lot 11-8-10				+	-			**						**					※
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- Install Electrical Man Hole, Conduits, Transformer Pad,	***				***	**	**						**					
Duct Bank, @ East Parking Area	**				燹	***	※					*	**					8
- Install Communication Man Hole, Conduits @ East	*				***	***	**						***					▓
Parking Area	*				×		×						X					×
- Site Elect. Subgrade Conduits, Light Bases etc.	*				X	X	*						***					***
- Install Lighting at Ped Enclosure	***		88803		***	×	*				~~		**					※
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Landscaping & Erosion Control	***				**	×	***						**					▓
Erosion Control Specialists, Inc.	***				፠	**	※				~~	***	××					***
Get site open dirt areas covered up for winter	XXXX				፠	×	*					***	*					***
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Concrete Flatwork	***			_	※	*	**	_				※	*			_		**
Hovland, Inc.	***				**	**	፠					***	***					***
- Curb and Gutter at West Lower Access Rd. Tie In	※				₩	×	፠					※	※					***************************************
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WS 3.10 Structural Concrete	**				<u> </u>	***************************************	**					*****	**					***
Kelleher Construction, Inc.	*				_	** ** **	※						*					※
- Bldg. Footings and Column Pads	*						**											×
- Foundation Walls and Piers	*						₩ ₩						×					፠
- Canopy Footings and Piers					***		፠			Estate de			*					₩
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Rebar Installation	**						₩					***	***	_				
Woody's Rebar Co., Inc.	*					≪ ≪ ≪	※		_				*		_			▓
- Install Rebar @ Canopy Footings & Piers	**						***						*		_			▓
- Install Rebar at Bldg.and Column Footings							 											×
- Tie Walls and Piers	※						 											畿
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WS 5.10 Structural/Miscellaneous Steel	***				wXX		**					**	**					
Dynamic Structural Steel LLC	***				××	***	*						*			_		▓
- Deliver Steel and Leave Trailers on Site	***				***	***	**											畿
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Steel Erector							 ₩						×					
Northern Industrial Erectors, Inc.	*					***	※						※	-				×
- Start Steel Erection West to East	***				**	**	※				-	***	××××××××××××××××××××××××××××××××××××××					×

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15.10 Mechanical (Below Grade)	**					▓		**												
A.W. Kuettel & Sons, Inc.	**					8		XX						*						
 West Storm at canopy areas (Complete) 	***							000						*						
 Gas Main into building West end 	***					※		***				STEEL STATE		**						
- Storm drains at east side	**					※	**	XX						**						
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K.A. Miscellaneous Walkways	***		_					· · ·												
- Build EastTemp Ped Enclosure	*	No. of Street, or other Persons				**		***						*	250	STATE OF THE PARTY				
- Build WastTemp Ped Enclosure	***	L	L	H	-				STORY OF		STATE OF THE PARTY			×						
NOTES:	***							· · ·									r	l		
1. Call City of Duluth for Inspections.	***					8		·						**						×
2. Let KA., RS&H, DAA Know in writing about any Shut	**							***						*						
Downs or outages. 7 Days in Advance.	**					※		· · ·				~~~		**					AAA	**
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